

KODIAK AMERICA LLC

BID PACKAGE CASCADE COUNTY, MONTANA

Kodiak Model: LMSC3640



Bid Opening Date: Sept.7/2018

BIDDER'S PACKAGE

CASCADE COUNTY

SOLICITATION FOR BIDS FOR Snow Blower, Self Contained Loader Mount for Backhoe and Small wheel loaders:

(Preapproved Models: Kodiak LMSC3640, or equivalent)

August 2018

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INVITATION TO BIDDERS

NOTICE IS HEREBY GIVEN, that the Cascade County Board of Commissioners will receive sealed bids for the purchase of a new Kodiak LMSC3640 or equivalent Snow Blower, this is a Self Contained Loader Mount for Backhoes and Small wheel loaders. Specifications for the equipment are included in this packet. The proposed Snow Plow must meet or exceed the specifications listed or must be demonstrated to be equivalent. Bid Specification packets may be obtained by contacting Brian Clifton, Public Works Director, 121 4th St North Suite 2H/I, Great Falls, MT 59404, (406) 454-6905.

Bids will be opened on the 7th day of September 2018, at the time of 1:15 o'clock p.m. in the office of the Board of Commissioners, in the Cascade County Courthouse, $325 2^{nd}$ Ave North, Annex Room 111, Great Falls, Montana.

Each bid must be accompanied by a Certified Check, Cashier's Check, or Bid bond payable to Cascade County in the amount of ten percent (10%) of the total amount of the bid for the Kodiak LMSC3640 or equivalent Snow Blower. The successful bidder shall forfeit to Cascade County their bid security if they fail or refuse to enter into a contract within the time specified. Bid security of unsuccessful bidders shall be returned upon acceptance of the successful bid.

All bids shall remain effective for a period of thirty (30) days from the date of opening. Cascade County reserves the right to consider or reject any and all bids, and further to waive any defects or irregularities. All bidders must use the bid form supplied with the specifications. A contract will be awarded to the most responsible bidder.

All bidders are expected to be aware of and to abide by all state and federal statues, rules, and regulations governing the solicitation and acceptance of public contracts, including any such statute, rule or regulation relating to non-discrimination.

The Board of Commissioners reserves the right to reject any or all bids, to waive irregularities, or to accept any bid they deem to be in the best interest of Cascade County.

DATED this 10th day of August, 2018

Brian K. Clifton

Brian K. Clifton, Director Cascade County Public Works Department

(Publish August 19th, August 26th, and September 2nd, 2018)

GENERAL INFORMATION TO BIDDERS

- 1. <u>Bid Opening</u>. The Cascade County Commissioners will receive bids from persons or entities capable of supplying a new Kodiak LMSC3640 Snow Blower or equivalent, Self Contained Loader Mount for Backhoes and Small Wheel Loaders, to be installed on a county provided equipment as described in the specifications included herein. Bids shall be opened and read aloud at a meeting of the Commissioners to take place on the 7th day of September 2018, at the time of 1:15 o'clock p.m. at the Board of Commissioners Office, 325 2nd Ave N, in the Cascade County Courthouse Annex Room 111. All bids must be received no later than the start of the meeting.
- 2. <u>Notice</u>. Notice is being published in the Great Falls Tribune, (a copy of the notice is included with this package) with publication dates of August 19th, August 26th, and September 2nd, 2018. All interested and capable persons or entities are invited to submit bids on the bid form included with this package.
- 3. <u>Bid Security</u>. Pursuant to Section 18-1-201, Montana Code Annotated, the Board of Commissioners must require a bid security. Each bid must be accompanied by security in a form specified below, and in an amount equal to ten percent (10%) of the bid of the bidder, and payable to Cascade County.

According to the above cited statute, bid security is required "as a condition precedent to considering any such bids, as evidence of good faith on the part of the bidder, and as indemnity for the benefit of such public authority against the failure or refusal of any bidder to enter into any written contract that may be awarded upon and following acceptance of (a) bid..." Thus, if a bidder is selected and requested to enter into the contract, and the bidder refuses to enter into the contract, the bid security shall be forfeited in its entirety to Cascade County.

The form of the bid security is specified in Section 18-1-202, Montana Code Annotated, as follows;

- "(1) In all cases under 18-1-202 (1), the bidder, offeror, or tenderer shall accompany and bid with either:
 - (a) lawful money of the United States;
- (b) a cashier's check, certified check, bank money order, or bank draft, in any case drawn and issued by a federally chartered or state-chartered bank insured by the federal deposit insurance corporation; or
- (c) a bid bond, guaranty bond, or surety bond executed by a surety corporation authorized to do business in the state of Montana. If a financial guaranty bond or surety bond is provided to secure the purchase of indebtedness, the long-term indebtedness of the company

executing the financial guaranty bond or surety bond must carry an investment grade rating of one or more nationally recognized independent rating agencies.

(2) The money or, in lieu of money, the bank instruments or bid bonds, financial guaranty bonds, or surety bonds must be payable directly to the public authority soliciting or advertising for bids."

The successful bidder's bid security shall be returned upon the parties entering into a contract. Also, at such time, the bid security of unsuccessful bidders shall be returned.

4. <u>Contract</u>. The successful bidder will be expected to enter into a contract with Cascade County. The form of the contract is included within this package. However, Cascade County reserves the right to make changes to the contract, which do not affect the substantial rights of the parties.

All bids shall remain effective for a period of thirty (30) days from the date of opening at some time during said thirty (30) day period, the successful bidder will be expected to enter into the contract.

- 5. <u>Waiver of irregularities and informalities</u>. Cascade County reserves the right to waive any irregularity or informality in any bid. Further, Cascade County reserves the right to reject any and all bids for any reason.
- 6. <u>Basis of Award</u>. Shall be dependent on the most responsible bid submitted. Consideration will be given, but is not limited to, cash flow, purchase price, delivery date, equipment service guarantees, parts and service availability, parts and service facilities locations, analysis and comparison of equipment specification details including fuel consumption and past experience of Cascade County with similar or related equipment.
- 7. Resident Bidder Preference. Pursuant to Section 18-1-102, Montana Code Annotated, Cascade County will award the contract "to the most responsible bidder without regard to residency. However, a resident must be allowed a preference on a contract against the bid of a nonresident if the state or country of the nonresident enforces a preference for residents. The preference must be equal to the preference given in the other state or country."

According to Section 18-1-113, Montana Code Annotated, any bidder seeking a preference shall be required to file, along with the bid, an affidavit, specifying in detail, the basis upon which the bidder claims a preference.

8. Non-Discrimination. The successful bidder shall be expected to abide by a all provisions of state and federal law regarding discrimination. One such provision, in Montana law is Section 49-3-207, Montana Code Annotated, which states Non-Discrimination; "(e)very state or local contract or subcontract for construction of public buildings or for other public work or for goods or services must contain a provision that all hiring must be on the basis of merit and

qualifications, and a provision that there may not be discrimination on the basis or race, color religion, creed, political ideas, sex, age, marital status, physical or mental disability, or national origin by the persons performing the contract.

9. <u>Laws and Regulations</u>. Each bidder is expected to be familiar with and abide by all laws of the federal, state and local governments regarding their obligations in bidding and performing public contracts.

10. Trade-in. N/A

- 11. <u>Warranty</u>. A detailed document shall be submitted with the bid covering components included & not included, definitions, party responsibilities & claim procedures.
- 12. Questions. Should any bidder have any questions about the specifications, or any provision or other information contained in the bidder's package, they may direct inquires, in writing, to Brian Clifton, Road & Bridge Division, 279 Vaughn S. Frontage Rd, Great Falls, MT 59404, (406) 454-6913. Any clarification information, or any changes made to any information in the bidder's package shall be provided to all potential bidders who have obtained a copy of the specifications from Cascade County.

BIDDER'S SUBMISSION REQUIREMENTS

Sealed bids shall be submitted by each bidder. Sealed bids must be received by Cascade County no later than 1:15 o'clock p.m., September 7th 2018, which is the time of commencement of the meeting to open bids. Bidders are expected to abide by the following requirements.

Each bid and accompanying documents shall be submitted in a standard 8 1/2 x 12, or larger manila envelope. The manila envelope shall be sealed, and the following information shall be written or typed on the outside of the envelope: (1) the name, address, and telephone number of the bidder: (2) the words "Bid to Cascade County for Snow Blower unit".

The following documents shall be included in the manila envelope, in the following order:

- 1. <u>Bid Forms.</u> The Bid Form shall be completely fill out and signed by an authorized agent of the bidding company.
- 2. <u>Bid Bond.</u> A bid bond must be enclosed and must be in the form as specified in this package.
- 3. <u>Warranty Information.</u> All warranty information for the equipment must be Included.
- 4. <u>Delivery Date.</u> Bidder must specify delivery date. Delivery shall be F.O.B. Cascade County Shop at Great Falls, Montana.
- 5. Other Information. Bidders are encouraged, but not required, to include other information about their business and about the equipment in the bid.

BID FORM

The undersigned Bidder hereby covenants and agrees to provide new Kodiak LMSC3640 Snow Blower, or equivalent Self Contained Loader Mount for Backhoes and Small Wheel Loaders, to be installed on a county provided equipment as described in the Specifications, for the price stated. The bidder understands that this bid is effective for thirty (30) days from the date of opening. All lines on the Bid Form *must* be completed.

Manufacturer__Kodiak America LLC_____Year_2018

Model: LMSC 3640 S/N Not available until notice to proceed

BID \$ 139,565

Proposed delivery date: 150 days.

Bidder's Name

Kodiak America LLC

Bidder's Address

1350 Pomerelle Ave. Burley, Idaho 83318

Bidder's Phone No. 208 650-8498

Bidder's Signature

AGREEMENT

AGREEMENT

day of

THIS AGREEMENT is made this

THIS AGREEMENT is made this	day of	,2018, by
and between Cascade County, and	a new Kodiak LMS khoes and Small W	C3640 Snow Blower or
THE PARTIES COVENANT A	AND AGREE AS FO	OLLOWS:
1. <u>Item Purchased.</u> The seller agrees to purchase the new Kodiak LMSC3640 Snow B Mount for Backhoes and Small Wheel Loaders, t associated equipment, for the sale price of \$	lower or equivalent	Self Contained Loader
The specific equipment to be purchase follows:	d over time is more	specifically described as
Payment Terms. Cascade County so in the amount of \$ to the within 30 days of delivery by the seller. .	hall make a paymen le seller. The payme	ts for the equipment ent will be made
3. <u>Delivery Date</u> . Time is of the essent The new Kodiak LMSC3640 Snow Blower or equal Backhoes and Small Wheel Loaders, to be installed County no later than November 1, 2018. If full describe hereby agree that Cascade County shall be entitled \$50.00 for each day past such delivery date until further to waive its receipt of liquidated damages.	uivalent Self Contained on a county provi elivery is not made be d to liquidated dama full delivery takes pl	ned Loader Mount for ded equipment, to Cascade y such date, the parties ges in the amount of ace. Cascade County may
4. Contract Documents. The parties un	derstand and agree t	hat there are various

documents which are an integral part of this contract, and by this reference are fully incorporated

5. <u>Insurance.</u> Delivery shall be F.O.B. Cascade County Shop at Great Falls, Montana.

herein: to include all of the documents which are part of the Bidder's Package.

The seller shall be responsible for insuring the snow plow until it is delivered and

off-loaded to Cascade County. Cascade County shall not be responsible for loss until such time, and then upon unloading the equipment the obligation for insurance shall be the responsibility of Cascade County.

- 6. <u>Venue for Disputes.</u> Should any dispute arise regarding this contract, proper venue shall be in the District Court of the eighth Judicial District, in and for Cascade County, Montana.
- 7. <u>Binding Effect.</u> This contract shall bind and inure to the benefit of the heirs, successors, and assigns of the parties.

success	sors, and assigns of t	he parties.		
	Dated this	day of	,2018.	
		CASCA	DE COUNTY:	
		Chairmar	1	
ATTES	T:			
Rina Fo	ontana Moore, Clerk	and Recorder		
Success	ful Bidder			

SPECIFICATIONS

Please describe all warranties, guarantees, and extended coverage's of the Kodiak LMSC3640 Snow Blower or equivalent –Self Contained Loader Mount for Backhoes and Small Wheel Loaders, including any extended service plan.

Pursuant to the Invitation to Bidders, requesting bids for the Kodiak LMSC3640 Snow Blower or equivalent-Self Contained Loader Mount for Backhoes and Small Wheel Loaders, the following minimum requirements, or substantially similar equivalents, shall be met:

- A. Kodiak LMSC3640 Snow Blower or equivalent-Self Contained Loader Mount for Backhoes and Small Wheel Loaders, shall meet <u>OSHA</u> requirements and specifications on the date of manufacture.
- B. No bid will be considered unless accompanied by a bid bond, bank draft, money order, or certified or cashiers check, in the amount of not less than ten percent (10%) of the total amount for the total number of machines bid, as further described in paragraph 3 of the General Information for Bidders in the Bidder's Package.
- C. Delivery shall be F.O.B. Cascade County Shop at Great Falls, Montana.
- D. Upon delivery, the successful bidder shall include all operating, service, parts and technical repair manuals.
- E. Bidder must specify delivery date. Time is of the essence in this agreement.

Bid Specification for Kodiak LMSC3640 Snow Blower or Equivalent-Self Contained Loader Mount for Backhoes and Small Wheel Loaders:

Capacity:

Up to 2500 Tons Per Hour (certified

testing required).

Casting

Distance: 70 feet

Mounting:

Self Contained front of Loader

Loader:

minimum 2 yard

Width:

102"

Weight:

Approximately 9800 lbs

Cutting Height:

48" minimum

Elevation:

Up to 6,000 feet

Weight of Snow:

Approximately 25 lbs. per cubic foot.

Fuel Capacity:

Minimum 8 hours

General Design

Two Stage Assembly

First Stage: Helical Ribbons

Size:

36" diameter

Width:

3" minimum 3/16" minimum

Thickness: Steel Type:

Hardox 450 or equal

Ice Cutters:

Serrated Ribbons for ice cutting

Qty:

One (1) right / left hand ribbon

Assembly

Wiper Rings:

2 wiper rings of same material as ribbons

Second Stage:

Impeller Volute

Size:

40" diameter; 16" minimum depth.

Steel Type:

Hardox 450 or equal

Fan blades:

4 minimum. 3/16" minimum Hardox 450

Flat cast:

Right

Volute:

Rotate right and left 140 degree minimum.

Housing: minimum 3/16 inch

Blower Head Design:

Steel type:

Hardox 450 or equal on all steel plate

Parts for wear resistance as well as

increased strength. No mild steel allowed

Side Plates: T

Thickness: 3/16 inch Hardox 450 minimum

Plow Back:

10 Gauge Steel Minimum

Spokes:

Minimum 3/16" spokes with 3/16" gusseting

Drive Train Components:

Engine:

EPA approved TIER IV Final Engine.

300hp

Clutch:

automotive self adjusting clutch.

PTO Clutches not acceptable.

Drive:

Mechanical Drive with gear boxes and Kevlar Poly belt drive. No chain drives allowed.

Drivelines:

Spicer

Impeller Drive: Right Angle Gear Box with minimum 4.3:1

reduction

Ribbon Drive:

Center Drive with minimum 3.1:1 reduction. Must be driven from center with two separate ribbon halves. Must be able to replace each side reel individually. Side Drives are not

allowed.

Miscellaneous Requirements:

Scraper Blade: Hardox scraper blade.

Wear Shoes:

2 shoes

Cutter Bars:

(optional). Extend cutting height to 96"

From road surface. Side Bracing

Controller:

Plug in control box or wireless option.

Hydraulics:

Pump:

4 gallon per minute minimum.

Motors:

4 gallon per minute minimum.

ENGINE HOUSING: The housing for the engine shall be fabricated from sheet metal not less than 18 gauge and equipped with side panels to permit access to the engine.

Electrical: ALL electrical systems concerned with the Rotary Plow must be plug-in, quick disconnect and waterproof type. All

wiring to be encased in loom. Wireless controller optional

Please be sure you have completed the following prior to submitting your bid:

- 1. Read and understood the specifications.
- 2. Enclosed all documents listed in the Bidder's Submission Requirements
- 3. Made yourself familiar with any State laws that pertain to this bid.
- 4. Asked any questions, and received answers, regarding the bid procedure, specifications, or general information.

*** <u>NOTE:</u> Any bid that is not properly addressed (including bidders phone no.), or that is delivered past the date and time indicated on the invitation to bid, will be invalid and <u>will not be opened or considered.***</u>

PLEASE INDICATE ON THIS SHEET OR ATTACH INFORMATION IF THE MACHINE OFFERED CAN MEET THE FOLLOWING MINIMUM DESIRED CONFIGURATIONS. IF THE MACHINE BEING OFFERED DOES NOT MEET THE MINIMUM CONFIGURATIONS, PLEASE CLARIFY ON A SEPARATE SHEET, IF THE BIDDER DESIRES, SUPPORT FOR AN ALTERNATE OR SUBSSTANTIALLY SIMILAR SPECIFICATION.

The Kodiak Model LMSC3640 meets both the technical and performance requirements of the specification without taking any exceptions.



Limited Warranty

Contact Number (208) 417-0486 or 208 431-2768 (Available 24/7)

<u>Parts: parts@kodiakamerica.us</u> 208 262-3715 or 208 262-3716

Limited Warranty: Subject to the limitations set forth herein, Kodiak America LLC warrants its products to be free from defects in material and workmanship for one year from the date operators and mechanics training is completed. Parts used for warranty repairs shall be warranted to the end of the Limited Warranty period or ninety days, whichever is longer. This warranty is not transferable without the written consent of Kodiak America.

Notice: Kodiak's obligations under this Limited Warranty are conditioned on Kodiak receiving, within the warranty period, written notice from Buyer specifying the nature of any alleged defect and requesting corrective action by Seller.

Remedies: Kodiak, at its option, will repair or replace, or provide a credit to the buyer for defective warranted items. If requested by Kodiak, products or parts for which a warranty claim is made shall be returned, transportation prepaid by Kodiak to Kodiak's factory. Buyer shall not return any product for repair, replacement or credit without Kodiak's advance written consent.

Other Manufacturer's Warranty: On products furnished by Kodiak, but manufactured by any other manufacturer, the warranty of said manufacturer, if any, will be assigned to the buyer, if the said warranty is assignable. This includes any portion of said manufacturer's warranty which is longer than the Kodiak standard warranty. However, Kodiak does not represent or guarantee that the other manufacturer will comply with any of the terms of their warranty.

Exclusions: Any improper use, operation beyond capacity, or substitution of parts not approved by Kodiak, or any alteration or repair by others in such a manner as in Kodiak's judgment materially and/or adversely affects the product shall void this warranty. This warranty does not apply to defects caused by damage or unreasonable use while in the possession of the owner, including but not limited to: failure to provide reasonable and necessary maintenance, normal wear, routine tune-ups or adjustments, specifications, improper or insufficient lubrication or improper storage.



The batteries, tires, rubber materials, brushes and material normally consumed in operation, are excluded from this warranty.

Limitations of Liability: Kodiak shall not be liable for any incidental, consequential, punitive or special damages of any kind, including, but not limited to: consequential labor costs, transportation charges, and rental cost, in connection with the repair or replacement of defective parts, or lost time or lost profits or expense which may have accrued because of said defect.

Kodiak disclaims all other warranties, whether expressed or implied, including but not limited to any implied warranty of merchantability or fitness for a particular purpose. This warranty is the exclusive remedy of the buyer. This warranty cannot be extended, broadened or changed in any respect except in writing by an authorized officer of Kodiak.

Notwithstanding anything in this warranty to the contrary, in no event shall Kodiak's total liability hereunder exceed the purchased price of the particular product.



8/20/2018

KO (1255 Delivery shall be FOB Cascade County Shop @ Great Falls Montana, 150 days after award of contract.



TECHNICAL PACKAGE



BID BOND

Travelers Casualty and Surety Company of America Hartford, CT 06183

CONTRACTOR:

(Name, legal status and address)

Kodiak America LLC 1350 Pomerelle Ave.

Burley, ID 83318

OWNER: (Name, legal status and address)

Cascade County 325 2nd Ave. N. Annex Room 111 Great Falls, MT 59401

BOND AMOUNT: Ten percent of total bid amount (10%)

PROJECT:

(Name, location or address, and Project number, if any)

Snow Blower, Self Contained Loader Mount for Backhoe and Small wheel loaders.

SURETY:

(Name, legal status and principal place of business)

Travelers Casualty and Surety Company of America 1501 4th Ave., Suite 1000 Seattle, WA 98101

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The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this day of August		LAMERICA
	Kodiak America LLC	ON ANERICALLO
	- Kit O'sely	SEAL
Luken Dille	(Principal)	(Seal)
(Witness)	Kent Pilling, Member (Title)	DELAWAR
	Travelers Casualty and Surety Company	y of America
B . //	[broly letz	
TDA	(Surety)	(Seal)
thulle Th	Carolyn McNew, Attorney-in-Fact	
(Witness)	(Title)	



POWER OF ATTORNEY

Farmington Casualty Company Fidelity and Guaranty Insurance Company Fidelity and Guaranty Insurance Underwriters, Inc. St. Paul Fire and Marine Insurance Company St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company Travelers Casualty and Surety Company Travelers Casualty and Surety Company of America United States Fidelity and Guaranty Company

Attorney-In Fact No.

231049

Certificate No. 007282762

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Larry Stumpf, Jessie Olsen, Kandace Kepler, Fawn Foster, Shannon Church, Lindsay Randall, James Welch, Carolyn McNew, Rhonda Compton, Sandi Standley, and Amanda Drennon

of the City of	Twin Falls		, State	ofId	aho		their true and lawfu	l Attorney(s)-in-Fact
each in their separa other writings oblic contracts and execu-	gatory in the natur	e thereof on beh	alf of the Compa	nies in their busir	ess of guaranteeir	and all bonds, rec	ognizances, conditio	onal undertakings and g the performance of
IN WITNESS WE day ofJune	HEREOF, the Con	npanies have cau , 2017	sed this instrumen	t to be signed and	their corporate se	als to be hereto aff	fixed, this	29th
	Fi Fi St	delity and Guar . Paul Fire and	alty Company anty Insurance (anty Insurance I Marine Insuranc Insurance Com	Inderwriters, Inc e Company	Tra Tra	velers Casualty a velers Casualty a	surance Company nd Surety Compan nd Surety Compan y and Guaranty Co	y of America
TOPPORTU	1977	HOOPPORATED SEE	STEP ANCE OF	SEAL O	ORPORATE OR SEAL S	HARTFORD, OCONE,	Superior Conn.	INCORPORATED AND ANN ANN ANN ANN ANN ANN ANN ANN AN
State of Connecticu City of Hartford ss.					Ву:	Robert L. Rane	y, Senior Vice Presiden	nt
	Oth day of President of Farmin		ompany, Fidelity	,	fore me personally rance Company, F	appeared Robert	L. Raney, who ackn	owledged himself to writers, Inc., St. Paul

In Witness Whereof, I hereunto set my hand and official seal. My Commission expires the 30th day of June, 2021.



instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

Marie C. Tetreault

58440-5-16 Printed in U.S.A.

Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing



Snow Removal Products

LMSC SERIES

Loader Mounted Snow Blower (Brochure)



Designed and manufactured complete by Kodiak America. Nothing added by a third party. Turnkey, single source, factory direct.

GENERAL DIMENSIONS

- Overall height with chute in lower position 139" approx
- Overall length w/o hitch 90" approx
- Overall working height 48"
- Total weight 2500 lbs. approx.
- Width: 102"

GENERAL DATA

Snow Capacity: Up to 3000 tph

Casting Distance: 80 feet

Two-Stage Blower Design

FRAME

- Welded construction
- Constructed from steel rated for maximum usage
- Side plates from allow steel capable of handling loads from ribbons

- Side Cutter Bars: Customer preference (Up to 10 feet)
- · Quick hitch to match loader
- Frame where coupler mounts able to withstand loads induced by loader

SCRAPER AND SKID PLATES

- Scraper blade high abrasion resistant steel full width
- Scraper blade edge replaceable
- Skid shoes capable of full support
- Skid shoes adjustable with optional carbide wear inserts
- Skid shoes approx. 300 in square in total area

SIDE CUTTING EDGE

Optional replaceable side cutting edge of alloy steel for maximum wear

LOADING CHUTES (Optional)

- Style #1: Telescoping vertically with hydraulic rams and flexible top section
- Style #2: A giraffe style chute with hinged top section for directing snow stream
- Style#3: Kodiak stationary chute with flexible truck loading section

IMPELLER AND IMPELLER HOUSING

- Impeller diameter 40"
- Impeller and blades of allow steel (Hardox 450)
- Impeller casing 3/8" abrasive steel
- Depth 12" To 20"

Rotation of discharge to either side with flat cast to the right

· Housing rotation by chain or hydraulic cylinder

RIBBON TYPE

- First stage ribbon 36" diameter
- Ribbons serrated for ice cutting
- · Ribbons constructed of hardened steel
- Center hub supporting ribbons hardened steel
- Ribbons constructed of 4" x3/8" minimum hardened steel
- Rubber deflector bolted top of blower frame
- Clutch: Self-adjusting automotive type

DIESEL ENIGINE

- Diesel engine Cummins QSB6.7 Tier IV F. @ 300 HP @ 2200 rpm
- Alternator: 165 amp
- Two stage dry type air cleaner with pre-cleaner
- Restriction gauge
- Low oil and high temp engine shutdown system
- Block Heater
- Inline fuel water separator
- Filters, Fuel, oil and water field serviceable
- Current emissions exhaust system

FUEL TANK

- · Minimum of 60 100 gallons
- Enough fuel to operate at rated capacity for 8 hours
- Vented fuel cap with safety valve
- · Fuel level gauge mounted in cab control panel

HYDRAULIC SYSTEM

- Hydraulic pump sized to operate all functions
- Operate at temperatures below -40F
- Heavy-duty electro-hydraulic valves with insulated wiring connections
- Hoses are SAE 100R with JIC fittings or flat face 0-ring fittings
- All fittings crimp on style
- 10-micron filter on return side
- Oil tank equipped with breather and sight glass
- Oil tank capacity to match needs of hydraulic system under full operation
- Hoses secured and padded where necessary

ENGINE COWING

- · Constructed of steel with adequate openings for service
- · Ample and easy access

ELECTRICAL SYSTEM

- 12 Volt electrical ground
- Optional Wireless Controls
- Control box and instrument panel installed in cab (either wired or wireless)
- Multi-stick joy stick to control all hydraulic functions
- Ignitions switch
- Switch to engage and disengage chute (if included)
- Wiring number or color-coded
- Wiring sealed and all connectors water proof
- · Illuminated tachometer w/hour meter
- Illuminated volt meter, engine coolant temp., oil pressure gauge and fuel level
- Stop engine and check engine-warning lights
- · Visual alarms for over-heat, low oil, high hydraulic tem, low fuel and engine shutdown
- Master emergency shut down
- Master electrical disconnect switch
- Two maintenance free batteries (2000 CCA minimum)

POWER TRAIN DRIVE SYSTEM

- Mechanical drive with multi disc clutch
- · Gear boxes all lubricated
- · Drive system proven design
- · Shear bolts accessible
- · Clutch engaged and disengaged hydraulically or electrically
- Drive Shafts and U-Joints

PAINT

- All metal surfaces sandblasted and free free from rust, grease or waxes.
- Two coats of two-part epoxy primer
- Top coat to be required coasts of two-part polyurethane paint (standard yellow)

MANUALS AND TOOLS

- Two complete sets of operators manuals, maintenance manuals and one set of parts manuals for snow blower engine and any related components
- Includes full schematics for the hydraulic system and electrical sysem
- If available on CD must supply
- Toolbox with all necessary tools needed to change shear bolts.

TRAINING UPON REQUEST

- Training provided for operators and mechanics that will be required to operate or work on unit
- Training arranged after unit is delivered and ready for operation.

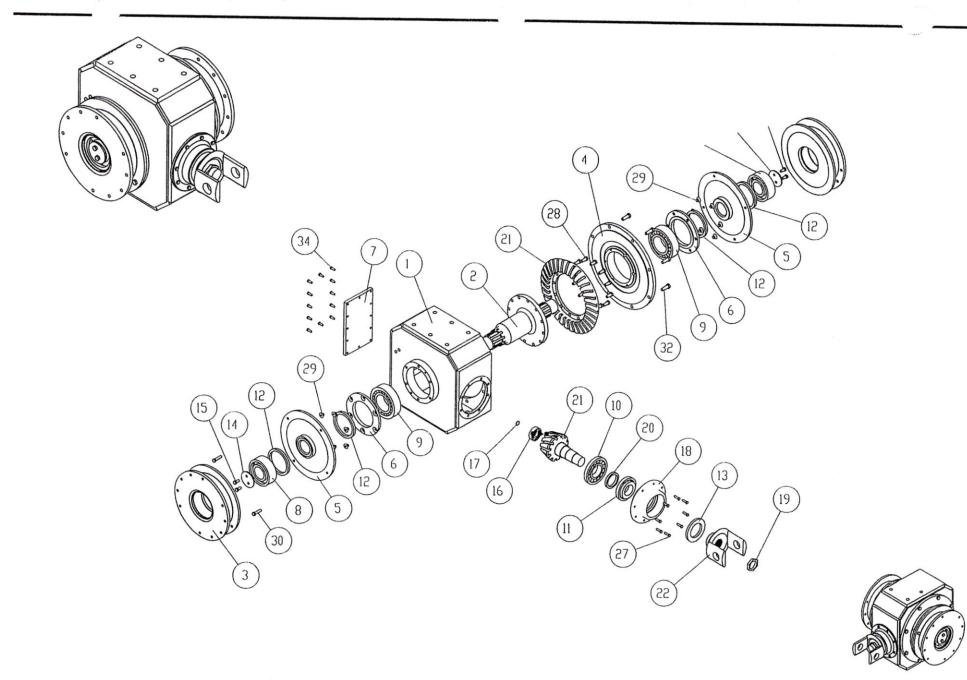
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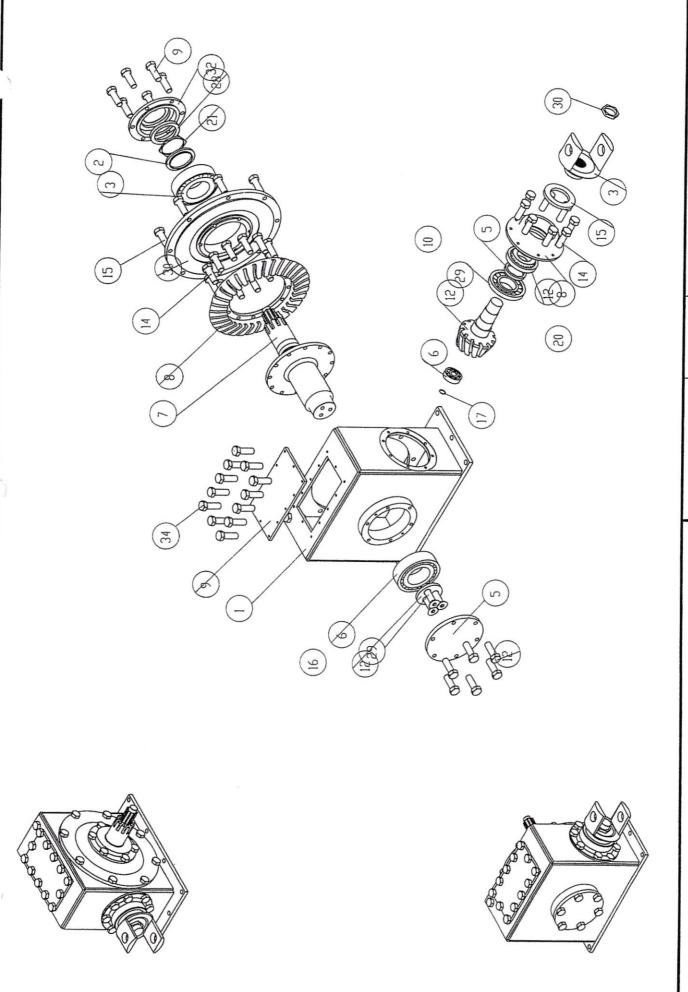
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JOB

DRAWING NO.

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BIDDER'S PACKAGE

CASCADE COUNTY

SOLICITATION FOR BIDS FOR Snow Blower, Self Contained Loader Mount for Backhoe and Small wheel loaders:

(Preapproved Models: Kodiak LMSC3640, or equivalent)

August 2018

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INVITATION TO BIDDERS

NOTICE IS HEREBY GIVEN, that the Cascade County Board of Commissioners will receive sealed bids for the purchase of a new Kodiak LMSC3640 or equivalent Snow Blower, this is a Self Contained Loader Mount for Backhoes and Small wheel loaders. Specifications for the equipment are included in this packet. The proposed Snow Plow must meet or exceed the specifications listed or must be demonstrated to be equivalent. Bid Specification packets may be obtained by contacting Brian Clifton, Public Works Director, 121 4th St North Suite 2H/I, Great Falls, MT 59404, (406) 454-6905.

Bids will be opened on the 7th day of September 2018, at the time of 1:15 o'clock p.m. in the office of the Board of Commissioners, in the Cascade County Courthouse, 325 2nd Ave North, Annex Room 111, Great Falls, Montana.

Each bid must be accompanied by a Certified Check, Cashier's Check, or Bid bond payable to Cascade County in the amount of ten percent (10%) of the total amount of the bid for the Kodiak LMSC3640 or equivalent Snow Blower. The successful bidder shall forfeit to Cascade County their bid security if they fail or refuse to enter into a contract within the time specified. Bid security of unsuccessful bidders shall be returned upon acceptance of the successful bid.

All bids shall remain effective for a period of thirty (30) days from the date of opening. Cascade County reserves the right to consider or reject any and all bids, and further to waive any defects or irregularities. All bidders must use the bid form supplied with the specifications. A contract will be awarded to the most responsible bidder.

All bidders are expected to be aware of and to abide by all state and federal statues, rules, and regulations governing the solicitation and acceptance of public contracts, including any such statute, rule or regulation relating to non-discrimination.

The Board of Commissioners reserves the right to reject any or all bids, to waive irregularities, or to accept any bid they deem to be in the best interest of Cascade County.

DATED this 10th day of August, 2018

Brian K. Clifton

Brian K. Clifton, Director Cascade County Public Works Department

(Publish August 19th, August 26th, and September 2nd, 2018)

GENERAL INFORMATION TO BIDDERS

- 1. <u>Bid Opening</u>. The Cascade County Commissioners will receive bids from persons or entities capable of supplying a new Kodiak LMSC3640 Snow Blower or equivalent, Self Contained Loader Mount for Backhoes and Small Wheel Loaders, to be installed on a county provided equipment as described in the specifications included herein. Bids shall be opened and read aloud at a meeting of the Commissioners to take place on the 7th day of September 2018, at the time of 1:15 o'clock p.m. at the Board of Commissioners Office, 325 2nd Ave N, in the Cascade County Courthouse Annex Room 111. All bids must be received no later than the start of the meeting.
- 2. <u>Notice</u>. Notice is being published in the Great Falls Tribune, (a copy of the notice is included with this package) with publication dates of August 19th, August 26th, and September 2nd, 2018. All interested and capable persons or entities are invited to submit bids on the bid form included with this package.
- 3. <u>Bid Security</u>. Pursuant to Section 18-1-201, Montana Code Annotated, the Board of Commissioners must require a bid security. Each bid must be accompanied by security in a form specified below, and in an amount equal to ten percent (10%) of the bid of the bidder, and payable to Cascade County.

According to the above cited statute, bid security is required "as a condition precedent to considering any such bids, as evidence of good faith on the part of the bidder, and as indemnity for the benefit of such public authority against the failure or refusal of any bidder to enter into any written contract that may be awarded upon and following acceptance of (a) bid..." Thus, if a bidder is selected and requested to enter into the contract, and the bidder refuses to enter into the contract, the bid security shall be forfeited in its entirety to Cascade County.

The form of the bid security is specified in Section 18-1-202, Montana Code Annotated , as follows;

- "(1) In all cases under 18-1-202 (1), the bidder, offeror, or tenderer shall accompany and bid with either:
 - (a) lawful money of the United States;
- (b) a cashier's check, certified check, bank money order, or bank draft, in any case drawn and issued by a federally chartered or state-chartered bank insured by the federal deposit insurance corporation; or
- (c) a bid bond, guaranty bond, or surety bond executed by a surety corporation authorized to do business in the state of Montana. If a financial guaranty bond or surety bond is provided to secure the purchase of indebtedness, the long-term indebtedness of the company

executing the financial guaranty bond or surety bond must carry an investment grade rating of one or more nationally recognized independent rating agencies.

(2) The money or, in lieu of money, the bank instruments or bid bonds, financial guaranty bonds, or surety bonds must be payable directly to the public authority soliciting or advertising for bids."

The successful bidder's bid security shall be returned upon the parties entering into a contract. Also, at such time, the bid security of unsuccessful bidders shall be returned.

4. <u>Contract</u>. The successful bidder will be expected to enter into a contract with Cascade County. The form of the contract is included within this package. However, Cascade County reserves the right to make changes to the contract, which do not affect the substantial rights of the parties.

All bids shall remain effective for a period of thirty (30) days from the date of opening at some time during said thirty (30) day period, the successful bidder will be expected to enter into the contract.

- 5. <u>Waiver of irregularities and informalities</u>. Cascade County reserves the right to waive any irregularity or informality in any bid. Further, Cascade County reserves the right to reject any and all bids for any reason.
- 6. <u>Basis of Award</u>. Shall be dependent on the most responsible bid submitted. Consideration will be given, but is not limited to, cash flow, purchase price, delivery date, equipment service guarantees, parts and service availability, parts and service facilities locations, analysis and comparison of equipment specification details including fuel consumption and past experience of Cascade County with similar or related equipment.
- 7. Resident Bidder Preference. Pursuant to Section 18-1-102, Montana Code Annotated, Cascade County will award the contract "to the most responsible bidder without regard to residency. However, a resident must be allowed a preference on a contract against the bid of a nonresident if the state or country of the nonresident enforces a preference for residents. The preference must be equal to the preference given in the other state or country."

According to Section 18-1-113, Montana Code Annotated, any bidder seeking a preference shall be required to file, along with the bid, an affidavit, specifying in detail, the basis upon which the bidder claims a preference.

8. <u>Non-Discrimination</u>. The successful bidder shall be expected to abide by a all provisions of state and federal law regarding discrimination. One such provision, in Montana law is Section 49-3-207, Montana Code Annotated, which states <u>Non-Discrimination</u>; "(e)very state or local contract or subcontract for construction of public buildings or for other public work or for goods or services must contain a provision that all hiring must be on the basis of merit and

qualifications, and a provision that there may not be discrimination on the basis or race, color religion, creed, political ideas, sex, age, marital status, physical or mental disability, or national origin by the persons performing the contract.

9. <u>Laws and Regulations</u>. Each bidder is expected to be familiar with and abide by all laws of the federal, state and local governments regarding their obligations in bidding and performing public contracts.

10. Trade-in. N/A

- 11. <u>Warranty</u>. A detailed document shall be submitted with the bid covering components included & not included, definitions, party responsibilities & claim procedures.
- 12. <u>Questions</u>. Should any bidder have any questions about the specifications, or any provision or other information contained in the bidder's package, they may direct inquires, in writing, to Brian Clifton, Road & Bridge Division, 279 Vaughn S. Frontage Rd, Great Falls, MT 59404, (406) 454-6913. Any clarification information, or any changes made to any information in the bidder's package shall be provided to all potential bidders who have obtained a copy of the specifications from Cascade County.

BIDDER'S SUBMISSION REQUIREMENTS

Sealed bids shall be submitted by each bidder. Sealed bids must be received by Cascade County no later than 1:15 o'clock p.m., September 7th 2018, which is the time of commencement of the meeting to open bids. Bidders are expected to abide by the following requirements.

Each bid and accompanying documents shall be submitted in a standard 8 1/2 x 12, or larger manila envelope. The manila envelope shall be sealed, and the following information shall be written or typed on the outside of the envelope: (1) the name, address, and telephone number of the bidder: (2) the words "Bid to Cascade County for Snow Blower unit".

The following documents shall be included in the manila envelope, in the following order:

- 1. <u>Bid Forms.</u> The Bid Form shall be completely fill out and signed by an authorized agent of the bidding company.
- 2. <u>Bid Bond.</u> A bid bond must be enclosed and must be in the form as specified in this package.
- 3. <u>Warranty Information</u>. All warranty information for the equipment must be Included.
- 4. <u>Delivery Date.</u> Bidder must specify delivery date. Delivery shall be F.O.B. Cascade County Shop at Great Falls, Montana.
- 5. Other Information. Bidders are encouraged, but not required, to include other information about their business and about the equipment in the bid.

BID FORM

The undersigned Bidder hereby covenants and agrees to provide new Kodiak LMSC3640 Snow Blower, or equivalent Self Contained Loader Mount for Backhoes and Small Wheel Loaders, to be installed on a county provided equipment as described in the Specifications, for the price stated. The bidder understands that this bid is effective for thirty (30) days from the date of opening. All lines on the Bid Form *must* be completed.

Manufacturer_LARUE		_Year_2019
Model_D55 BID \$_/38,	S/N_TBC	
Proposed delivery dat		·
Bidder's Name	SWS Equipment, Inc	
Bidder's Address	PO Box 13040	
	Spokane, WA 99212	
Bidder's Phone No.	406-560-3100	
	Bidder's S	Signature Signature

BID BOND

Travelers Casualty and Surety Company of America One Tower Square 3PB, Hartford, CT 06183

Bond No. 106938377

KNOW ALL MEN BY THESE PRESENTS,

That we, Solid Waste Systems Inc			, as Principal, hereinafter called	the Principal, and
Travelers Casualty and Surety Company	of America,	of Or	ne Tower Square 3PB, Hartford, CT 06183, a	corporation duly
organized under the laws of the State of	Connecticut,	, as S	urety, hereinafter called the Surety, are held and fi	rmly bound unto
Cascade County			, as Obligee, hereinafter called the Obligee, in	
percent of the amount of bid			Dollars (\$ 10%), fo	or the payment of
which sum well and truly to be made, the	said Principa	al and	the said Surety, bind ourselves, our heirs, executors	s, administrators
successors and assigns, jointly and several	ly, firmly by th	ese pi	resents.	
WHEREAS, the Principal has submitted a	hid for Sno	w Blo	wer, Self Contained Loader Mount for Backhoe a	and Small wheel
loaders	DIG 101 <u>0110</u>	ii Dio	wer, ben contained Loader Mount for Backing a	ilu Siliali Wilee
			 '	
NOW, THEREFORE, if the Obligee shall ac	cept the bid o	of the F	Principal and the Principal shall enter into a Contract w	ith the Obligee in
accordance with the terms of such bid, and	give such bo	ond or	bonds as may be specified in the bidding or Contract	Documents with
good and sufficient surety for the faithful pe	erformance of	such	Contract and for the prompt payment of labor and mat	terial furnished in
the prosecution thereof, or in the event of	the failure o	f the	Principal to enter such Contract and give such bond	or bonds, if the
Principal shall pay to the Obligee the differe	ence not to ex	xceed	the penalty hereof between the amount specified in s	aid bid and such
larger amount for which the Obligee may in	good faith co	ontrac	t with another party to perform the Work covered by s	aid bid, then this
obligation shall be null and void, otherwise to	o remain in fu	II force	e and effect.	
Signed and socied this 7th day of Contamb	2040			
Signed and sealed this <u>7th</u> day of <u>Septemb</u>	<u>er, 2018</u> .			
1)				
0 00			Solld Waste Systems Inc.	
Your sall latter				(Seal)
(myan acce)		By:	See B. Cole	
	Witness			Principal
				•
			Travelers Casualty and Surety Company of Ameri	ca
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				(Seal)
Jana K X		By:	made (Davenant	(553.)
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Witness		Marla J. Davenport	Attorney-in-Fact

Printed in cooperation with the American Institute of Architects (AIA) by Travelers Casualty and Surety Company of America. The language in this document conforms exactly to the language used in AIA Document A310, February 1970 edition.



Travelers Casualty and Surety Company of America Travelers Casualty and Surety Company St. Paul Fire and Marine Insurance Company

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint Marla J. Davenport, of Spokane, Washington, their true and lawful Attorney-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this 3rd day of February, 2017.







State of Connecticut

City of Hartford ss.

By: Robert I Raney Sentin Vice President

On this the 3rd day of February, 2017, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.

My Commission expires the 30th day of June, 2021



Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this 7th

day of September

2018







Kevin E. Hughes, Assistant Secretary

Bid Specification for Kodiak LMSC3640 Snow Blower or Equivalent-Self Contained Loader Mount for Backhoes and Small Wheel Loaders:

Capacity: Up to 2500 Tons Per Hour (certified

testing required). Yes

Casting Distance: 70 feet Yes

Mounting: Self Contained front of Loader Yes

Loader: minimum 2 yard Yes

Width: 102" Yes, 114"

Weight: Approximately 9800 lbs Yes

Cutting Height: 48" minimum Yes, 55"
Elevation: Up to 6,000 feet Yes

Weight of Snow: Approximately 25 lbs. per cubic foot. Yes

Fuel Capacity: Minimum 8 hours Yes

General Design

Two Stage Assembly

First Stage: Helical Ribbons Yes

Size: 36" diameter Yes
Width: 3" minimum Yes
Thickness: 3/16" minimum Yes

Steel Type: Hardox 450 or equal Yes

Ice Cutters: Serrated Ribbons for ice cutting Yes

Qty: One (1) right / left hand ribbon

Assembly Yes

Wiper Rings: 2 wiper rings of same material as ribbons Yes

Second Stage: Impeller Volute Yes

Size: 40" diameter; 16" minimum depth. 40" x 13"

Steel Type: Hardox 450 or equal Yes, Hardox 550

Fan blades: 4 minimum. 3/16" minimum Hardox 450 Yes

Flat cast: Right Yes

Volute: Rotate right and left 140 degree minimum. Yes

Housing: minimum 3/16 inch Yes, 3/8"

Blower Head Design:

Steel type: Hardox 450 or equal on all steel plate

Parts for wear resistance as well as

increased strength. No mild steel allowed Yes

Thickness: 3/16 inch Hardox 450 minimum Yes Side Plates:

10 Gauge Steel Minimum Yes Plow Back:

Minimum 3/16" spokes with 3/16" gusseting Yes Spokes:

Drive Train Components:

EPA approved TIER IV Final Engine. Yes Engine:

300hp

automotive self adjusting clutch. Yes, ZF multi-disc self-adjusting wet clutch Clutch:

PTO Clutches not acceptable.

Drive: Mechanical Drive with gear boxes and Kevlar

Poly belt drive. No chain drives allowed. Planetary drive & ultra HD

chain drive for ribbon.

Drivelines:

Spicer Yes

Impeller Drive: Right Angle Gear Box with minimum 4.3:1 Yes

reduction

Center Drive with minimum 3.1:1 reduction. Ribbon Drive:

Must be driven from center with two separate ribbon halves. Must be able to replace each side reel individually. Side Drives are not

allowed. Side drive, proven design and let the snow get into the impeller easialy.

Miscellaneous Requirements:

Scraper Blade: Hardox scraper blade. Yes

Wear Shoes:

2 shoes Yes

Cutter Bars:

(optional). Extend cutting height to 96"

From road surface. Side Bracing Yes

Controller: Plug in control box or wireless option. Yes

Hydraulics:

Pump:

4 gallon per minute minimum. Yes

Motors:

4 gallon per minute minimum. Yes

ENGINE HOUSING: The housing for the engine shall be fabricated from sheet metal not less than 18 gauge and equipped with side panels to permit access to the engine. Yes

Electrical: ALL electrical systems concerned with the Rotary Plow must be plug-in, quick disconnect and waterproof type. All wiring to be encased in loom. Wireless controller optional Yes

Please be sure you have completed the following prior to submitting your bid:

- 1. Read and understood the specifications.
- 2. Enclosed all documents listed in the Bidder's Submission Requirements
- 3. Made yourself familiar with any State laws that pertain to this bid.
- 4. Asked any questions, and received answers, regarding the bid procedure, specifications, or general information.

*** <u>NOTE:</u> Any bid that is not properly addressed (including bidders phone no.), or that is delivered past the date and time indicated on the invitation to bid, will be invalid and will not be opened or considered.***



Warranty policy on new equipment sold by J.A. Larue Inc.

J.A. Larue Inc. new equipment a (one) 1 year unlimited working hours warranty. This warranty covers parts and labor.

This warranty will apply only if all labor is executed by J. A. Larue Inc. or by an authorized representative. With written factory authorization, the client/owner may perform warranty work and be reimbursed accordingly.

This warranty is valid for normal use of the equipment and proper preventive and periodic maintenance must be maintained. Proof of maintenance could be required. The warranty will be cancelled if the unit is implicated in an accident, misused, abused or If a lack of oil, lubricants or coolant is detected.. Wear parts are not warrantable including the clutch.

Note: Engine Manufacturers offer limited extended warranty plans for up to five years with a deductible per visit. Please contact J.A. Larue or the engine manufacturers for this cost or any other information.

J.A. LARUE INC.

Updated:

May 2010

Manufacturer of industrial snowblower and paving equipment - Sale - Rental - Service

Head Office

660 Lenoir Street Quebec, QC Canada G1X 3W3 Phone: 418 658-3003

Fax: 418 658-6799 Toll free: 877 658-3013 **Montreal Office**

4848 Dunn Street Montreal, QC Canada H4E 1C1 Phone: 514 787-0444

Fax: 514 787-0666

Moncton Office

485 Venture Drive Moncton, NB Canada E1H 2P4 Phone: 506 855-3003

Fax: 506 855-8610

Toronto Office

3320 American Drive Mississauga, ON Canada L4V 1B3 Phone: 905 673-3013 Fax: 905 673-3015

Toll free: 877 673-3013